

WE CLAIM:

1. A disposable absorbent article comprising:

an outer cover;

a body side liner at least partially bonded to the outer cover; and

an absorbent pad positioned between the outer cover and the body side liner, the absorbent pad having a thickness of less than about 2 millimeters;

the outer cover, the body side liner, the absorbent pad, and any additional layers between the outer cover and the body side liner, having a combined thickness of less than about 3 millimeters; and

the disposable absorbent article having an absorbent capacity of less than three times an anticipated single insult volume.
2. The absorbent article of Claim 1, wherein the absorbent pad comprises superabsorbent and fluff pulp.
3. The absorbent article of Claim 1, wherein the absorbent pad comprises multiple layers of superabsorbent.
4. The absorbent article of Claim 1, wherein the absorbent pad comprises at least two different superabsorbent materials and each of the superabsorbent materials is located in a different location within the absorbent pad.

5. The absorbent article of Claim 1, wherein the absorbent pad comprises a greater amount of superabsorbent in a first region of the absorbent pad and a lesser amount of superabsorbent in a second region of the absorbent pad.

6. The absorbent article of Claim 1, further comprising a surge layer between the absorbent pad and the body side liner.

7. The absorbent article of Claim 1, wherein the thickness of the absorbent pad is less than about 1.5 millimeters.

8. The absorbent article of Claim 1, wherein the thickness of the absorbent pad is less than about 1 millimeter.

9. The absorbent article of Claim 1, wherein the combined thickness of the outer cover, the body side liner, the absorbent pad, and any additional layers between the outer cover and the body side liner is less than about 2.5 millimeters.

10. The absorbent article of Claim 1, wherein the combined thickness of the outer cover, the body side liner, the absorbent pad, and any additional layers between the outer cover and the body side liner is less than about 2 millimeters.

11. The absorbent article of Claim 1, wherein the absorbent capacity is less than twice the anticipated single insult volume.

12. The absorbent article of Claim 1, wherein the absorbent article provides less than 15% insult liquid volume runoff when the article is insulted with the anticipated single insult volume.

13. The absorbent article of Claim 1, wherein the absorbent article provides less than 10% insult liquid volume runoff when the article is insulted with the anticipated single insult volume.

14. The absorbent article of Claim 1, wherein the absorbent article has a total mass of less than 30 grams.

15. The absorbent article of Claim 1, wherein the absorbent article has a total mass of less than 25 grams.

16. The absorbent article of Claim 1, wherein the absorbent article has a total mass of less than 20 grams.

17. A disposable absorbent pant comprising:

a chassis defining a waist opening and first and second leg openings;

the chassis including at least a liquid-permeable body side liner, an absorbent pad and a substantially liquid-impermeable outer cover layer;

wherein the chassis has a thickness of less than about 3 millimeters, the absorbent pad alone has a thickness of less than about 2 millimeters, and the pant provides less than 15% insult liquid volume runoff when the pant is insulted with a anticipated single insult volume.

18. The disposable absorbent pant of Claim 17, wherein the absorbent pad comprises superabsorbent and fluff pulp.

19. The disposable absorbent pant of Claim 17, wherein the absorbent pad comprises multiple layers of superabsorbent.

20. The disposable absorbent pant of Claim 17, wherein the absorbent pad comprises at least two different superabsorbent materials and each of the superabsorbent materials is located in a different location within the absorbent pad.

21. The disposable absorbent pant of Claim 17, wherein the absorbent pad comprises a greater amount of superabsorbent in a first region of the absorbent pad and a lesser amount of superabsorbent in a second region of the absorbent pad.

22. The disposable absorbent pant of Claim 17, further comprising a surge layer between the absorbent pad and the body side liner.

23. The disposable absorbent pant of Claim 17, further comprising a pair of containment flaps attached to the chassis adjacent the leg openings.

24. The disposable absorbent pant of Claim 17, further comprising a pair of leg elastics attached to the chassis adjacent the leg openings.

25. The disposable absorbent pant of Claim 17, wherein the thickness of the absorbent pad is less than about 1.5 millimeters.

26. The disposable absorbent pant of Claim 17, wherein the thickness of the absorbent pad is less than about 1 millimeter.

27. The disposable absorbent pant of Claim 17, wherein the thickness of the chassis is less than about 2.5 millimeters.

28. The disposable absorbent pant of Claim 17, wherein the thickness of the chassis is less than about 2 millimeters.

29. The disposable absorbent pant of Claim 17, wherein the disposable absorbent pant provides less than 10% insult liquid volume runoff when the pant is insulted with the anticipated single insult volume.

30. The disposable absorbent pant of Claim 17, having an absorbent capacity of less than three times the anticipated single insult volume.

31. The disposable absorbent pant of Claim 17, having an absorbent capacity of less than twice the anticipated single insult volume.

32. The disposable absorbent pant of Claim 17, wherein the disposable absorbent pant has a total mass of less than 30 grams.

33. The disposable absorbent pant of Claim 17, wherein the disposable absorbent pant has a total mass of less than 25 grams.

34. The disposable absorbent pant of Claim 17, wherein the disposable absorbent pant has a total mass of less than 20 grams.

35. A disposable absorbent pant comprising:
a chassis defining a waist opening and first and second leg openings;
the chassis including at least a liquid-permeable body side liner, an absorbent pad and a substantially liquid-impermeable outer cover layer;

wherein the chassis has a thickness of less than about 3 millimeters, the absorbent pad alone has a thickness of less than about 2 millimeters, and the pant has a saturation capacity of about 90% to about 150% of an anticipated single insult volume as determined by 0.5 psi saturation capacity.

36. The disposable absorbent pant of Claim 35, wherein the absorbent pad comprises superabsorbent and fluff pulp.

37. The disposable absorbent pant of Claim 35, wherein the absorbent pad comprises multiple layers of superabsorbent.

38. The disposable absorbent pant of Claim 35, wherein the absorbent pad comprises at least two different superabsorbent materials and each of

the superabsorbent materials is located in a different location within the absorbent pad.

39. The disposable absorbent pant of Claim 35, wherein the absorbent pad comprises a greater amount of superabsorbent in a first region of the absorbent pad and a lesser amount of superabsorbent in a second region of the absorbent pad.

40. The disposable absorbent pant of Claim 35, wherein the thickness of the absorbent pad is less than about 1.5 millimeters.

41. The disposable absorbent pant of Claim 35, wherein the thickness of the absorbent pad is less than about 1 millimeter.

42. The disposable absorbent pant of Claim 35, wherein the thickness of the chassis is less than about 2.5 millimeters.

43. The disposable absorbent pant of Claim 35, wherein the thickness of the chassis is less than about 2 millimeters.

44. The disposable absorbent pant of Claim 35, wherein the pant provides less than 15% insult liquid volume runoff when the pant is insulted with the anticipated single insult volume.

45. The disposable absorbent pant of Claim 35, wherein the pant provides less than 10% insult liquid volume runoff when the pant is insulted with the anticipated single insult volume.

46. The disposable absorbent pant of Claim 35, having an absorbent capacity of less than twice the anticipated single insult volume.

47. The disposable absorbent pant of Claim 35 comprising a single insult training pant.

48. The disposable absorbent pant of Claim 35, wherein the disposable absorbent pant has a total mass of less than 30 grams.

49. The disposable absorbent pant of Claim 35, wherein the disposable absorbent pant has a total mass of less than 25 grams.

50. The disposable absorbent pant of Claim 35, wherein the disposable absorbent pant has a total mass of less than 20 grams.

51. A disposable absorbent article comprising:

an outer cover;

a body side liner at least partially bonded to the outer cover; and

an absorbent pad positioned between the outer cover and the body side liner, the absorbent pad having a thickness of less than about 2 millimeters;

the outer cover, the body side liner, the absorbent pad, and any additional layers between the outer cover and the body side liner, having a combined thickness of less than about 3 millimeters; and

the disposable absorbent article having an absorbent capacity of between about 30 grams and about 400 grams.

52. The absorbent article of Claim 51, wherein the absorbent pad comprises superabsorbent and fluff pulp.

53. The absorbent article of Claim 51, wherein the absorbent pad comprises multiple layers of superabsorbent.

54. The absorbent article of Claim 51, wherein the absorbent pad comprises at least two different superabsorbent materials and each of the superabsorbent materials is located in a different location within the absorbent pad.

55. The absorbent article of Claim 51, wherein the absorbent pad comprises a greater amount of superabsorbent in a first region of the absorbent pad and a lesser amount of superabsorbent in a second region of the absorbent pad.

56. The absorbent article of Claim 51, wherein the thickness of the absorbent pad is less than about 1.5 millimeters.

57. The absorbent article of Claim 51, wherein the thickness of the absorbent pad is less than about 1 millimeter.

58. The absorbent article of Claim 51, wherein the combined thickness of the outer cover, the body side liner, the absorbent pad, and any additional layers between the outer cover and the body side liner is less than about 2.5 millimeters.

59. The absorbent article of Claim 51, wherein the combined thickness of the outer cover, the body side liner, the absorbent pad, and any additional layers between the outer cover and the body side liner is less than about 2 millimeters.

60. The absorbent article of Claim 51, wherein the absorbent capacity is between about 40 grams and about 300 grams.

61. The absorbent article of Claim 51, wherein the absorbent capacity is between about 50 grams and about 150 grams.

62. The absorbent article of Claim 51, wherein the absorbent article has a saturated capacity of at least 7 grams/gram.

63. The absorbent article of Claim 51, wherein the absorbent article has a saturated capacity between about 9 grams/gram and about 11 grams/gram.

64. The absorbent article of Claim 51, wherein the absorbent article has a saturated capacity of at least 12 grams/gram.

65. The absorbent article of Claim 51, wherein the absorbent article has a total mass of less than 30 grams.

66. The absorbent article of Claim 51, wherein the absorbent article has a total mass of less than 25 grams.

67. The absorbent article of Claim 51, wherein the absorbent article has a total mass of less than 20 grams.

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